

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-019431**Date Inspected:** 17-Jan-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Liu Fa Wen**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

Bay 8

This QA inspector performed a random observation for the Orthotropic Bridge Girders (OBG) located at ZPMC Shanghai China. During the observation performed it was noted that at Bay 8, ZPMC was in process of welding bike path assembly welds. ZPMC Certified Welding Inspector Lv Fa Wen was present at this time of this observation and informed this QA inspector of the work that is in process. It was stated that ZPMC had 2 welders and identified the welders by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

Weld-BK004A2-059-014, 015, 017

WPS-B-P-2112-Plug

Welder-066155

Flat/ SMAW

Weld-BK004A2-059-002, 008

WPS-B-T-2132-ESAB

Welder-500405

2F/ FCAW

WELDING INSPECTION REPORT

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Bay 14 (east line)

MT Inspection

This QA inspector performed a visual and MT re-inspection on locations that were identified yesterday 1-16-11 and noted in this QA inspectors report and Kelly Leavitts report dated 1-16-11. The locations are for 13AE, NWIT 08197 Item 1. After the re-inspection both VT and with MT, it has been noted the areas that were marked appear to be within contract documents. This inspector performed MT inspection of the following locations;

Item 1

SA3012- 045

SEG3007M-201, 206, 211, 216, 221, 226

SEG3007P-234, 239, 244, 249, 254, 259

SA3012A-109 ~ 119, 122, 143, 144, 147, 148, 151, 152, 155, 156, 159, 160, 163, 164,178

At the time of the verification it was noted that the above component appeared to be within compliance of the contract documents. See Caltrans Magnetic Particle Test Report (TL6028), dated 01-17-2011 for additional information.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

“As noted within the contents of this report.”

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact , who represents the Office of Structural Materials for your project.

Inspected By:	Hasler,Mike
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Quality Assurance Inspector

Reviewed By:	Riley,Ken
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QA Reviewer
